

## ABSTRACT OF DISCLOSURE

5           A woven fabric mesh personal air purifier to be adhesively received to the face  
and nose. The present invention comprises a single layer of precision woven, polymer  
fabric with an integral, pressure-sensitive adhesive band coincident with the  
circumferential periphery of one side and where the square pore size determines the  
minimum size particulate rejected. The filter fabric adhesive creates a leak proof seal  
10   against the upper lip, face and nose thereby enclosing the nostrils. The area of the filter  
fabric is sufficient to compensate for the increased breathing resistance that will occur  
because the filtering element decreases the free access of airflow through the nostrils.

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